

$\frac{1}{4}$

FIG.1

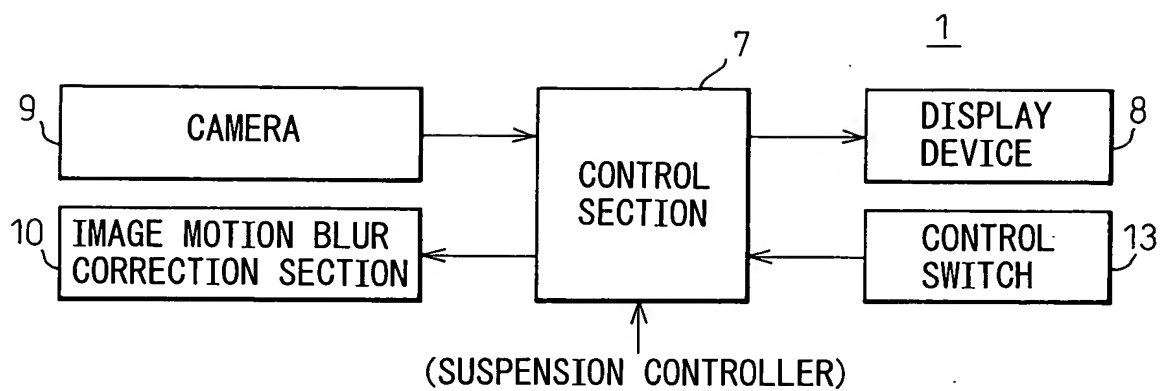
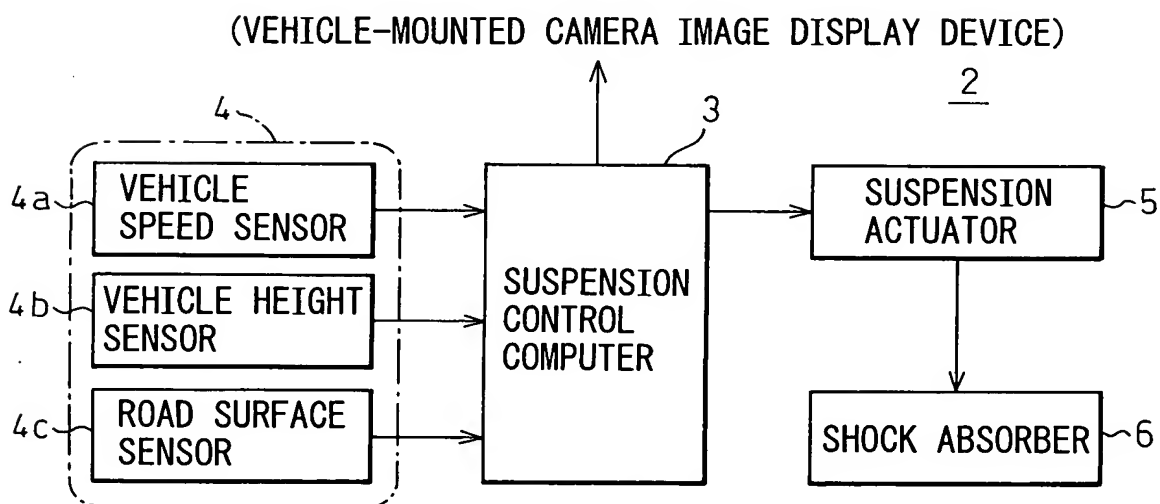
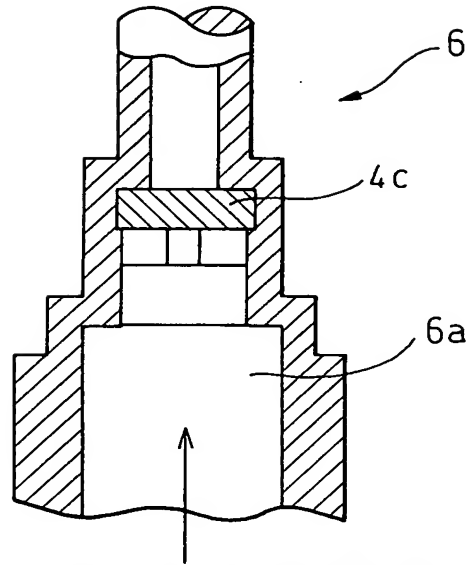


FIG.2



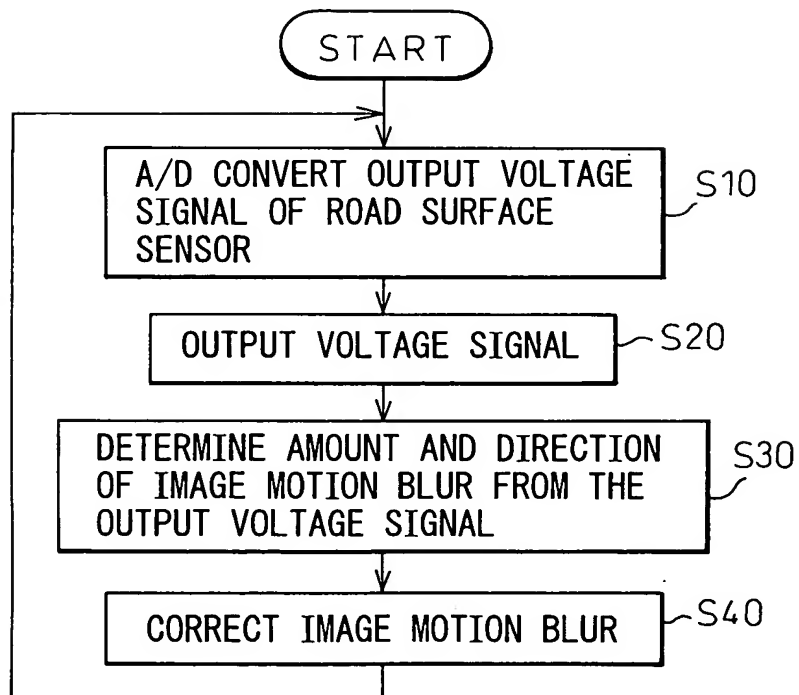
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FIG. 3



FORCE APPLIED TO PISTON ROD

FIG. 4



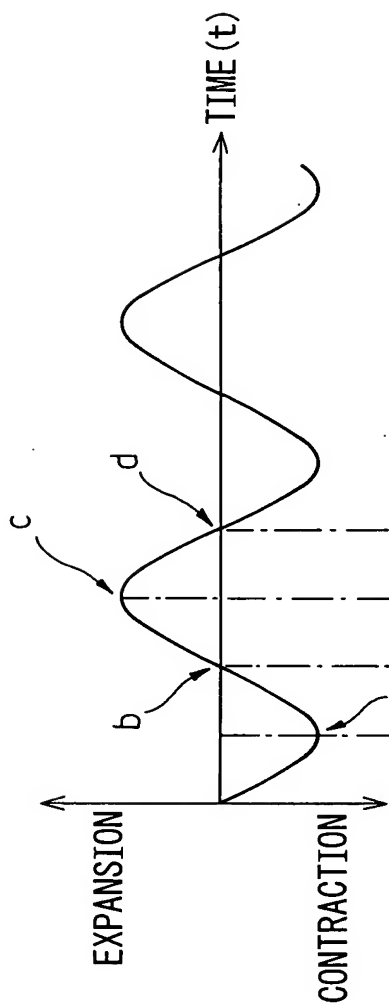


FIG. 5A

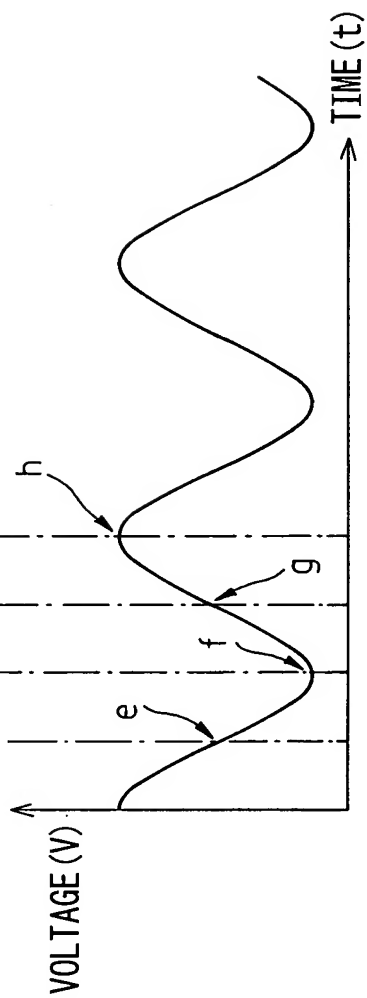


FIG. 5B

$\frac{L}{L}$

FIG. 6A

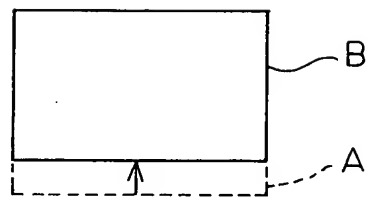


FIG. 6B

